

IMPLEMENTATION OF REPORTING OBLIGATIONS OF NOMINAL CATCH DATA – RESOLUTION 18/07

Prepared by: IOTC Secretariat, 29 September, 2020

PURPOSE

To provide the Compliance Committee with an update on the current level of implementation of IOTC Resolution 18/07 on *Measures applicable in case of non-fulfilment of reporting obligations in the IOTC*.

Paragraph 3. Following the review carried out by the Compliance Committee, the Commission at its annual session, according to the guidelines attached (Annex I), and after having given due consideration to the relevant information provided by the concerned CPCs in these cases, may consider to prohibit CPCs that did not report nominal catch data (exclusively), including zero catches, for one or more species for a given year, in accordance with the Resolution 15/02, paragraph 2 (or any subsequent revision), from retaining such species as of the year following the lack or incomplete reporting until such data have been received by the IOTC Secretariat. Priority shall be given to situations of repeated non-compliance. Any CPC unable to meet these reporting obligations owing to engagement in civil conflict shall be exempt from this measure. The CPC concerned will work with the IOTC Secretariat to identify and implement possible alternative methods for data collection, using established FAO data collection methods.

BACKGROUND

IOTC Circular 2018-11, sent out on March 9th 2018, reminded CPCs to provide information on their recorded catches, including zero-catches or non-applicability of reporting requirements, by gear and species for the year 2016.

In response:

- Five Members (European Union (EU-France, EU-Portugal, EU-Spain and EU-United Kingdom), United Kingdom (Overseas Territory), Japan, Mauritius and Madagascar) have provided information to the IOTC Secretariat using the dedicated data reporting template;
- Four reporting flags, from three Members (European Union (EU-France and EU-Spain), United Kingdom (Overseas Territory) and Japan) have provided complete information;
- Four reporting flags, from three Members (European Union (EU-Portugal and EU-United Kingdom), Mauritius and Madagascar) have provided incomplete information, lacking in particular the explicit declaration of non-applicability of reporting requirements for some species and gear for which neither positive nor zero catches were recorded.

In its deliberations in 2018, the Compliance Committee **RECOMMENDED** that the Secretariat provide a list of CPCs not meeting the reporting requirements for nominal catch per species and gears for future meetings.

In its deliberations in 2019, the Compliance Committee **RECOMMENDED** to the Secretariat to include this measure in the compliance report and **NOTED** the engagement of all present members to transmit this table for next year. This reporting requirement is now included in individual CPCs Compliance Report and a summary of the reports received by the Secretariat is presented in this document.

DISCUSSION

IMPLEMENTATION OF REPORTING OF CATCH DATA

In accordance to IOTC Resolution 18/07 (previously Resolution 16/06), starting in 2016 and annually thereafter, CPCs are required to submit total catch data to the IOTC Secretariat in accordance with the Resolution 15/02 and Scientific Committee template, including zero catches.

For the 2019 reporting cycle, that is, for data pertaining to the year 2018, only nine CPCs (Australia, Comoros, European Union¹, France (Territories), Indonesia, Kenya, Seychelles, Sri Lanka and Thailand) have reported the complete suite of information, by species and gear type, in accordance to IOTC Resolution 18/07 (for zero catches). Two CPCs (Liberia and Senegal, both not situated in the IOTC Area) are known to have not operated fishing vessels in the IOTC Area, in 2018. Therefore, the remaining 24 CPCs are at fault with their nominal catch reporting obligations, including reporting on zero catches. The tables in Appendix 1, below, summarises the number of CPCs reporting positive nominal catch data by gear and species for 2018 (Table 1). Tables 2 - 10, provide individual CPCs record of reports for nominal catch data by gear and species, for 2018 for those CPCs that have submitted their report.

RECOMMENDATION

- That the CoC17 **NOTE** that only nine CPCs reported the complete suite of information in accordance to IOTC Resolutions 18/07.
- That the CoC17 **FURTHER NOTE** that two CPCs (Liberia and Senegal, both not situated in the IOTC Area) did not operate any fishing vessel in the IOTC Area in 2018.
- That the CoC17 **RECOMMENDS** to the Commission the course of action, as provided under IOTC Resolution 18/07, for CPCs that have not reported information in accordance to IOTC Resolutions 18/07.

¹ Missing from the report of the European Union are data from catch matrices for two of its fleet; EU-ESP and EU-ITA. The submission for the fleet of EU-ESP is incomplete, and thus not considered for the EU summary report.

Appendix 1

Table 1. Number CPCs reporting on nominal catch data by species and gear type, in accordance to IOTC Resolutions 18/07 (for zero catches), for 2018.

		Gear group						
	Species	HL - Handline	PL - Pole and line	LL - Longline	PS - Purse seine	TL - Trolling	GN - Gillnet	OT - Other
IOTC species	Albacore	3	1	7	3	3	2	1
	Southern bluefin tuna	1	2	2	1	0	0	0
	Bigeye tuna	6	1	7	4	5	3	1
	Skipjack tuna	6	1	6	4	6	4	2
	Yellowfin tuna	6	1	7	4	6	4	2
	Longtail tuna	2	1	3	3	4	2	0
	Kawakawa	6	1	5	4	5	3	1
	Frigate tuna	3	0	4	4	2	3	1
	Bullet tuna	3	0	3	3	2	2	1
	Narrow barred Spanish mackerel	5	0	5	2	3	2	1
	Indo-Pacific king mackerel	2	1	3	2	1	1	0
	Blue marlin	4	0	6	2	3	2	0
	Black marlin	4	1	6	2	4	2	0
	Striped marlin	4	0	7	2	3	2	0
	Indo-pacific sailfish	5	0	6	2	5	3	1
	Swordfish	4	0	7	2	3	2	0
Other species	Shortbill spearfish	NA	NA	3	NA	NA	1	0
	Blue shark	NA	NA	6	NA	NA	1	0
	Mako sharks	NA	NA	6	NA	NA	1	0
	Porbeagle shark	NA	NA	1	NA	NA	0	0
	Hammerhead sharks	NA	NA	3	NA	NA	2	0
	Silky shark	NA	NA	4	2	NA	2	0
	Other bony fishes	7	0	7	3	4	4	2
	Other sharks	4	0	3	2	3	4	1
	Thresher sharks	NA	NA	1	0	NA	1	0
	Oceanic whitetip shark	NA	NA	3	0	NA	0	0
	Tiger shark	NA	NA	2	NA	NA	1	0
	Crocodile shark	NA	NA	2	NA	NA	0	0
	Great white shark	NA	NA	0	NA	NA	0	0
	Mantas and devil rays	NA	NA	2	1	NA	2	0
	Pelagic stingray	NA	NA	2	NA	NA	1	0
	Rays and stingrays and mantas nei	NA	NA	0	NA	NA	2	0

Table 2. CPC Australia

	Species	Gear group						
		HL - Handline	PL - Pole and line	LL - Longline	PS - Purse seine	TL - Trolling	GN - Gillnet	OT - Other
IOTC species	Albacore	0	0	1	0	0	0	0
	Southern bluefin tuna	1	1	1	1	0	0	0
	Bigeye tuna	1	0	1	0	0	1	0
	Skipjack tuna	1	0	1	0	1	1	0
	Yellowfin tuna	1	0	1	0	1	1	0
	Longtail tuna	1	0	0	0	1	0	0
	Kawakawa	1	0	0	0	0	0	0
	Frigate tuna	0	0	0	0	0	0	0
	Bullet tuna	0	0	0	0	0	0	0
	Narrow barred Spanish mackerel	1	0	0	0	1	0	0
	Indo-Pacific king mackerel	0	0	0	0	0	0	0
	Blue marlin	0	0	0	0	0	0	0
	Black marlin	0	0	0	0	0	0	0
	Striped marlin	0	0	1	0	0	0	0
	Indo-pacific sailfish	0	0	0	0	0	0	0
	Swordfish	0	0	1	0	0	0	0
Other species	Shortbill spearfish	NA	NA	0	NA	NA	0	0
	Blue shark	NA	NA	0	NA	NA	0	0
	Mako sharks	NA	NA	0	NA	NA	0	0
	Porbeagle shark	NA	NA	0	NA	NA	0	0
	Hammerhead sharks	NA	NA	0	NA	NA	1	0
	Silky shark	NA	NA	0	0	NA	0	0
	Other bony fishes	1	0	1	0	0	1	1
	Other sharks	0	0	0	0	0	1	0
	Thresher sharks	NA	NA	0	0	NA	0	0
	Oceanic whitetip shark	NA	NA	0	0	NA	0	0
	Tiger shark	NA	NA	0	NA	NA	1	0
	Crocodile shark	NA	NA	0	NA	NA	0	0
	Great white shark	NA	NA	0	NA	NA	0	0
	Mantas and devil rays	NA	NA	0	0	NA	0	0
	Pelagic stingray	NA	NA	0	NA	NA	0	0
	Rays and stingrays and mantas nei	NA	NA	0	NA	NA	1	0

Table 3. CPC Comoros

		Gear group						
	Species	HL - Handline	PL - Pole and line	LL - Longline	PS - Purse seine	TL - Trolling	GN - Gillnet	OT - Other
IOTC species	Albacore	1	0	1	0	1	0	0
	Southern bluefin tuna	0	0	0	0	0	0	0
	Bigeye tuna	1	0	1	0	1	0	0
	Skipjack tuna	1	0	1	0	1	0	0
	Yellowfin tuna	1	0	1	0	1	0	0
	Longtail tuna	1	0	1	0	1	0	0
	Kawakawa	1	0	1	0	1	0	0
	Frigate tuna	1	0	1	0	1	0	0
	Bullet tuna	1	0	1	0	1	0	0
	Narrow barred Spanish mackerel	0	0	1	0	0	0	0
	Indo-Pacific king mackerel	0	0	1	0	0	0	0
	Blue marlin	1	0	1	0	1	0	0
	Black marlin	1	0	1	0	1	0	0
	Striped marlin	1	0	1	0	1	0	0
	Indo-pacific sailfish	1	0	1	0	1	0	0
	Swordfish	1	0	1	0	1	0	0
Other species	Shortbill spearfish	NA	NA	0	NA	NA	0	0
	Blue shark	NA	NA	1	NA	NA	0	0
	Mako sharks	NA	NA	1	NA	NA	0	0
	Porbeagle shark	NA	NA	0	NA	NA	0	0
	Hammerhead sharks	NA	NA	0	NA	NA	0	0
	Silky shark	NA	NA	1	0	NA	0	0
	Other bony fishes	1	0	1	0	1	0	0
	Other sharks	1	0	0	0	1	0	0
	Thresher sharks	NA	NA	0	0	NA	0	0
	Oceanic whitetip shark	NA	NA	1	0	NA	0	0
	Tiger shark	NA	NA	0	NA	NA	0	0
	Crocodile shark	NA	NA	1	NA	NA	0	0
	Great white shark	NA	NA	0	NA	NA	0	0
	Mantas and devil rays	NA	NA	0	0	NA	0	0
	Pelagic stingray	NA	NA	0	NA	NA	0	0
	Rays and stingrays and mantas nei	NA	NA	0	NA	NA	0	0

Table 4. CPC European Union

		Gear group						
	Species	HL - Handline	PL - Pole and line	LL - Longline	PS - Purse seine	TL - Trolling	GN - Gillnet	OT - Other
IOTC species	Albacore	1	0	1	1	1	0	0
	Southern bluefin tuna	0	0	0	0	0	0	0
	Bigeye tuna	1	0	1	1	1	0	0
	Skipjack tuna	1	0	0	1	1	0	0
	Yellowfin tuna	1	0	1	1	1	0	0
	Longtail tuna	0	0	0	0	0	0	0
	Kawakawa	1	0	1	1	1	0	0
	Frigate tuna	0	0	1	0	0	0	0
	Bullet tuna	0	0	0	0	0	0	0
	Narrow barred Spanish mackerel	1	0	1	0	1	0	0
	Indo-Pacific king mackerel	1	0	0	0	0	0	0
	Blue marlin	1	0	1	1	0	0	0
	Black marlin	1	0	1	1	0	0	0
	Striped marlin	1	0	1	1	0	0	0
	Indo-pacific sailfish	1	0	1	1	1	0	0
	Swordfish	1	0	1	1	0	0	0
Other species	Shortbill spearfish	NA	NA	1	NA	NA	0	0
	Blue shark	NA	NA	1	NA	NA	0	0
	Mako sharks	NA	NA	1	NA	NA	0	0
	Porbeagle shark	NA	NA	0	NA	NA	0	0
	Hammerhead sharks	NA	NA	0	NA	NA	0	0
	Silky shark	NA	NA	0	1	NA	0	0
	Other bony fishes	1	0	1	1	0	0	0
	Other sharks	0	0	0	0	0	0	0
	Thresher sharks	NA	NA	0	0	0	0	0
	Oceanic whitetip shark	NA	NA	0	0	NA	0	0
	Tiger shark	NA	NA	0	NA	NA	0	0
	Crocodile shark	NA	NA	0	NA	NA	0	0
	Great white shark	NA	NA	0	NA	NA	0	0
	Mantas and devil rays	NA	NA	0	0	NA	0	0
	Pelagic stingray	NA	NA	0	NA	NA	0	0
	Rays and stingrays and mantas nei	NA	NA	0	NA	NA	0	0

Table 5. CPC France (Territories)

	Species	Gear group						
		HL - Handline	PL - Pole and line	LL - Longline	PS - Purse seine	TL - Trolling	GN - Gillnet	OT - Other
IOTC species	Albacore	0	0	0	0	0	0	0
	Southern bluefin tuna	0	0	0	0	0	0	0
	Bigeye tuna	0	0	0	0	0	0	0
	Skipjack tuna	0	0	0	0	0	0	0
	Yellowfin tuna	0	0	0	0	0	0	0
	Longtail tuna	0	0	0	0	0	0	0
	Kawakawa	0	0	0	0	0	0	0
	Frigate tuna	0	0	0	0	0	0	0
	Bullet tuna	0	0	0	0	0	0	0
	Narrow barred Spanish mackerel	0	0	0	0	0	0	0
	Indo-Pacific king mackerel	0	0	0	0	0	0	0
	Blue marlin	0	0	0	0	0	0	0
	Black marlin	0	0	0	0	0	0	0
	Striped marlin	0	0	0	0	0	0	0
	Indo-pacific sailfish	0	0	0	0	0	0	0
	Swordfish	0	0	0	0	0	0	0
Other species	Shortbill spearfish	NA	NA	0	NA	NA	0	0
	Blue shark	NA	NA	0	NA	NA	0	0
	Mako sharks	NA	NA	0	NA	NA	0	0
	Porbeagle shark	NA	NA	0	NA	NA	0	0
	Hammerhead sharks	NA	NA	0	NA	NA	0	0
	Silky shark	NA	NA	0	0	NA	0	0
	Other bony fishes	0	0	0	0	0	0	0
	Other sharks	0	0	0	0	0	0	0
	Thresher sharks	NA	NA	0	0	NA	0	0
	Oceanic whitetip shark	NA	NA	0	0	NA	0	0
	Tiger shark	NA	NA	0	NA	NA	0	0
	Crocodile shark	NA	NA	0	NA	NA	0	0
	Great white shark	NA	NA	0	NA	NA	0	0
	Mantas and devil rays	NA	NA	0	0	NA	0	0
	Pelagic stingray	NA	NA	0	NA	NA	0	0
	Rays and stingrays and mantas nei	NA	NA	0	NA	NA	0	0

Table 6. CPC Indonesia

		Gear group						
	Species	HL - Handline	PL - Pole and line	LL - Longline	PS - Purse seine	TL - Trolling	GN - Gillnet	OT - Other
IOTC species	Albacore	1	1	1	0	1	1	1
	Southern bluefin tuna	0	1	1	0	0	0	0
	Bigeye tuna	1	1	1	1	1	1	1
	Skipjack tuna	1	1	1	1	1	1	1
	Yellowfin tuna	1	1	1	1	1	1	1
	Longtail tuna	0	1	1	1	0	1	0
	Kawakawa	1	1	1	1	1	1	0
	Frigate tuna	0	0	0	1	0	1	0
	Bullet tuna	0	0	0	1	0	1	0
	Narrow barred Spanish mackerel	1	0	1	1	0	1	0
	Indo-Pacific king mackerel	1	1	1	1	0	1	0
	Blue marlin	1	0	1	0	1	1	0
	Black marlin	1	1	1	0	1	1	0
	Striped marlin	1	0	1	0	1	1	0
	Indo-pacific sailfish	1	0	1	0	1	1	0
	Swordfish	0	0	1	0	0	1	0
Other species	Shortbill spearfish	NA	NA	1	NA	NA	1	0
	Blue shark	NA	NA	1	NA	NA	1	0
	Mako sharks	NA	NA	1	NA	NA	1	0
	Porbeagle shark	NA	NA	1	NA	NA	0	0
	Hammerhead sharks	NA	NA	1	NA	NA	0	0
	Silky shark	NA	NA	1	0	NA	1	0
	Other bony fishes	1	0	1	1	1	1	0
	Other sharks	1	0	1	1	1	1	0
	Thresher sharks	NA	NA	1	0	NA	1	0
	Oceanic whitetip shark	NA	NA	1	0	NA	0	0
	Tiger shark	NA	NA	1	NA	NA	0	0
	Crocodile shark	NA	NA	1	NA	NA	0	0
	Great white shark	NA	NA	0	NA	NA	0	0
	Mantas and devil rays	NA	NA	0	0	NA	0	0
	Pelagic stingray	NA	NA	1	NA	NA	0	0
	Rays and stingrays and mantas nei	NA	NA	0	NA	NA	0	0

Table 7. CPC Kenya

		Gear group						
	Species	HL - Handline	PL - Pole and line	LL - Longline	PS - Purse seine	TL - Trolling	GN - Gillnet	OT - Other
IOTC species	Albacore	0	0	1	0	0	0	0
	Southern bluefin tuna	0	0	0	0	0	0	0
	Bigeye tuna	1	0	1	0	1	0	0
	Skipjack tuna	1	0	1	0	1	1	0
	Yellowfin tuna	1	0	1	0	1	1	0
	Longtail tuna	0	0	0	0	1	0	0
	Kawakawa	1	0	1	0	1	1	0
	Frigate tuna	1	0	1	0	1	1	0
	Bullet tuna	1	0	1	0	1	0	0
	Narrow barred Spanish mackerel	1	0	1	0	1	0	0
	Indo-Pacific king mackerel	0	0	1	0	1	0	0
	Blue marlin	0	0	1	0	1	0	0
	Black marlin	0	0	1	0	1	0	0
	Striped marlin	0	0	1	0	1	0	0
	Indo-pacific sailfish	1	0	1	0	1	1	0
	Swordfish	1	0	1	0	1	0	0
Other species	Shortbill spearfish	NA	NA	0	NA	NA	0	0
	Blue shark	NA	NA	1	NA	NA	0	0
	Mako sharks	NA	NA	1	NA	NA	0	0
	Porbeagle shark	NA	NA	0	NA	NA	0	0
	Hammerhead sharks	NA	NA	1	NA	NA	1	0
	Silky shark	NA	NA	1	0	NA	0	0
	Other bony fishes	1	0	1	0	1	1	0
	Other sharks	1	0	1	0	1	1	0
	Thresher sharks	NA	NA	0	0	NA	0	0
	Oceanic whitetip shark	NA	NA	0	0	NA	0	0
	Tiger shark	NA	NA	0	NA	NA	0	0
	Crocodile shark	NA	NA	0	NA	NA	0	0
	Great white shark	NA	NA	0	NA	NA	0	0
	Mantas and devil rays	NA	NA	1	0	NA	1	0
	Pelagic stingray	NA	NA	0	NA	NA	1	0
	Rays and stingrays and mantas nei	NA	NA	0	NA	NA	1	0

Table 8. CPC Seychelles

		Gear group						
	Species	HL - Handline	PL - Pole and line	LL - Longline	PS - Purse seine	TL - Trolling	GN - Gillnet	OT - Other
IOTC species	Albacore	0	0	1	1	0	0	0
	Southern bluefin tuna	0	0	0	0	0	0	0
	Bigeye tuna	0	0	1	1	0	0	0
	Skipjack tuna	0	0	1	1	0	0	0
	Yellowfin tuna	0	0	1	1	0	0	0
	Longtail tuna	0	0	0	0	0	0	0
	Kawakawa	0	0	0	0	0	0	0
	Frigate tuna	0	0	0	1	0	0	0
	Bullet tuna	0	0	0	0	0	0	0
	Narrow barred Spanish mackerel	0	0	0	0	0	0	0
	Indo-Pacific king mackerel	0	0	0	0	0	0	0
	Blue marlin	0	0	1	0	0	0	0
	Black marlin	0	0	1	0	0	0	0
	Striped marlin	0	0	1	0	0	0	0
	Indo-pacific sailfish	0	0	1	0	0	0	0
	Swordfish	0	0	1	0	0	0	0
Other species	Shortbill spearfish	NA	NA	1	NA	NA	0	0
	Blue shark	NA	NA	1	NA	NA	0	0
	Mako sharks	NA	NA	1	NA	NA	0	0
	Porbeagle shark	NA	NA	0	NA	NA	0	0
	Hammerhead sharks	NA	NA	0	NA	NA	0	0
	Silky shark	NA	NA	0	0	NA	0	0
	Other bony fishes	1	0	1	0	0	0	0
	Other sharks	1	0	1	0	0	0	0
	Thresher sharks	NA	NA	0	0	NA	0	0
	Oceanic whitetip shark	NA	NA	1	0	NA	0	0
	Tiger shark	NA	NA	1	NA	NA	0	0
	Crocodile shark	NA	NA	0	NA	NA	0	0
	Great white shark	NA	NA	0	NA	NA	0	0
	Mantas and devil rays	NA	NA	0	0	NA	0	0
	Pelagic stingray	NA	NA	0	NA	NA	0	0
	Rays and stingrays and mantas nei	NA	NA	0	NA	NA	0	0

Table 9. CPC Sri Lanka

		Gear group						
	Species	HL - Handline	PL - Pole and line	LL - Longline	PS - Purse seine	TL - Trolling	GN - Gillnet	OT - Other
IOTC species	Albacore	0	0	1	1	0	1	0
	Southern bluefin tuna	0	0	0	0	0	0	0
	Bigeye tuna	1	0	1	1	1	1	0
	Skipjack tuna	1	0	1	1	1	1	1
	Yellowfin tuna	1	0	1	1	1	1	1
	Longtail tuna	0	0	1	1	1	1	0
	Kawakawa	1	0	1	1	1	1	1
	Frigate tuna	1	0	1	1	0	1	1
	Bullet tuna	1	0	1	1	0	1	1
	Narrow barred Spanish mackerel	1	0	1	1	0	1	1
	Indo-Pacific king mackerel	0	0	0	0	0	0	0
	Blue marlin	1	0	1	1	0	1	0
	Black marlin	1	0	1	1	1	1	0
	Striped marlin	1	0	1	1	0	1	0
	Indo-pacific sailfish	1	0	1	1	1	1	1
	Swordfish	1	0	1	1	1	1	0
Other species	Shortbill spearfish	NA	NA	0	NA	NA	0	0
	Blue shark	NA	NA	1	NA	NA	0	0
	Mako sharks	NA	NA	1	NA	NA	0	0
	Porbeagle shark	NA	NA	0	NA	NA	0	0
	Hammerhead sharks	NA	NA	1	NA	NA	0	0
	Silky shark	NA	NA	1	1	NA	1	0
	Other bony fishes	1	0	1	1	1	1	1
	Other sharks	0	0	0	1	0	1	1
	Thresher sharks	NA	NA	0	0	NA	0	0
	Oceanic whitetip shark	NA	NA	0	0	NA	0	0
	Tiger shark	NA	NA	0	NA	NA	0	0
	Crocodile shark	NA	NA	0	NA	NA	0	0
	Great white shark	NA	NA	0	NA	NA	0	0
	Mantas and devil rays	NA	NA	1	1	NA	1	0
	Pelagic stingray	NA	NA	1	NA	NA	0	0
	Rays and stingrays and mantas nei	NA	NA	0	NA	NA	0	0

Table 10. CPC Thailand

	Species	Gear group						
		HL - Handline	PL - Pole and line	LL - Longline	PS - Purse seine	TL - Trolling	GN - Gillnet	OT - Other
IOTC species	Albacore	0	0	0	0	0	0	0
	Southern bluefin tuna	0	0	0	0	0	0	0
	Bigeye tuna	0	0	0	0	0	0	0
	Skipjack tuna	0	0	0	0	0	0	0
	Yellowfin tuna	0	0	0	0	0	0	0
	Longtail tuna	0	0	0	1	0	0	0
	Kawakawa	0	0	0	1	0	0	0
	Frigate tuna	0	0	0	1	0	0	0
	Bullet tuna	0	0	0	1	0	0	0
	Narrow barred Spanish mackerel	0	0	0	0	0	0	0
	Indo-Pacific king mackerel	0	0	0	1	0	0	0
	Blue marlin	0	0	0	0	0	0	0
	Black marlin	0	0	0	0	0	0	0
	Striped marlin	0	0	0	0	0	0	0
	Indo-pacific sailfish	0	0	0	0	0	0	0
	Swordfish	0	0	0	0	0	0	0
Other species	Shortbill spearfish	NA	NA	0	NA	NA	0	0
	Blue shark	NA	NA	0	NA	NA	0	0
	Mako sharks	NA	NA	0	NA	NA	0	0
	Porbeagle shark	NA	NA	0	NA	NA	0	0
	Hammerhead sharks	NA	NA	0	NA	NA	0	0
	Silky shark	NA	NA	0	0	NA	0	0
	Other bony fishes	0	0	0	0	0	0	0
	Other sharks	0	0	0	0	0	0	0
	Thresher sharks	NA	NA	0	0	NA	0	0
	Oceanic whitetip shark	NA	NA	0	0	NA	0	0
	Tiger shark	NA	NA	0	NA	NA	0	0
	Crocodile shark	NA	NA	0	NA	NA	0	0
	Great white shark	NA	NA	0	NA	NA	0	0
	Mantas and devil rays	NA	NA	0	0	NA	0	0
	Pelagic stingray	NA	NA	0	NA	NA	0	0
	Rays and stingrays and mantas nei	NA	NA	0	NA	NA	0	0